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a work cabinet having walls whose inside surfaces delimit a work space that is adapted to receive an object to be subjected to a chemical or physical condition; and

10 a communication system that includes a first communication device outside said work space, a radio frequency antenna connected to said first communication device, and a second communication device that is to be associated with the object in said work space, said first communication device communicating with said second communication device via said antenna,

wherein at least a part of one of said walls of said work cabinet is transparent to a radio frequency used by said antenna, said antenna being separated from said work space by said at least a part of one of said walls.

20           2.    The assembly of claim 1, wherein said at least a  
part of one of said walls is an inside part of said one of  
said walls and wherein said antenna is in said one of said  
walls.

3. The assembly of claim 1, wherein said at least a  
25 part of one of said walls is an entire thickness of said one  
of said walls and wherein said antenna is outside said one of  
said walls.

4. The assembly of claim 3, wherein said antenna is carried by said one of said walls.

30           5.    The assembly of claim 1, wherein said one of said  
walls is movable between an open position that provides access  
to said work space and a closed position that bars access to  
said work space.

5           6.    The assembly of claim 5, wherein said work cabinet  
comprises an inside door and an outside door, and wherein said  
inside door is said one of said walls.

7.    The assembly of claim 1, wherein said at least a  
part of one of said walls comprises a partition and a layer of  
10 thermally insulating material.

8.    The assembly of claim 1, wherein said second  
communication device is an identification transponder.

9.    An assembly comprising:  
a work cabinet that is thermostatically controlled and  
15 that has walls whose inside surfaces delimit a work space that  
is adapted to receive an object ; and  
a radio frequency communication system including an  
antenna that communicates by radio frequency waves with a  
communication device associated with the object in said work  
20 space,  
at least a part of one of said walls being transparent to  
the radio frequency waves, said antenna being outside said  
work space and separated from said work space by said at least  
a part of one of said walls.

25       10. An assembly comprising:  
a work cabinet that has walls whose inside surfaces  
delimit a work space that is adapted to receive an object to  
be subjected to a chemical or physical condition; and  
a radio frequency communication system including an  
30 antenna that is carried by said work cabinet and that  
communicates by radio frequency waves with a communication  
device associated with the object in said work space,  
at least a part of one of said walls being transparent to  
the radio frequency waves, said antenna being separated from  
35 said work space by said at least a part of one of said walls.

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